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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No. 3419-031892
		First Inventor Suresh C. Gupta
		Title Method and Apparatus for Controlling Output Voltages and Frequencies of Turbine/Alternator on Common Shaft
		Express Mail Label No. EV 336815575 US

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 14] <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (<i>if filed</i>)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 6]</p> <p>5. Oath or Declaration [Total Pages 2]</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i></p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>			
<b>ACCOMPANYING APPLICATION PARTS</b>			
<p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input checked="" type="checkbox"/> Other: Response to Notice to File Missing Parts of Nonprovisional Application Filed Under 37 CFR 1.53(b) and enclosures; and USPTO Communication</p>			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No: 10/446,386

Prior application information: Examiner \_\_\_\_\_ Art Unit: 2834

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

#### 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number: 28289 (Insert Customer No. or Attach bar code label here)		<i>OR</i> <input type="checkbox"/> Correspondence address below		
Name	Webb Ziesenhein Logsdon Orkin & Hanson, P.C.			
Address	700 Koppers Building 436 Seventh Avenue			
City	Pittsburgh	State	PA	Zip Code
Country	United States	Telephone	412-471-8815	Fax

Name (Print/Type)	David C. Hanson	Registration No. (Attorney/Agent)	23,024
Signature			Date October 3, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$770.00)

Complete if Known	
Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Suresh C. Gupta
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	3419-031892

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account:

Deposit Account Number

23-0650

Deposit Account Name

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
<b>SUBTOTAL (1)</b>		<b>(\$770.00)</b>	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	15	-20** = 0 X [ ] = [ ]	[ ]
Independent Claims	2	-3** = 0 X [ ] = [ ]	[ ]
Multiple Dependent		[ ] = [ ]	[ ]

Large Entity	Small Entity	Fee Description
Fee Code	Fee (\$)	Fee Code
1202	18	2202 9
		Claims in excess of 20
1201	86	2201 43
		Independent claims in excess of 3
1203	290	2203 145
		Multiple dependent claim, if not paid
1204	86	2204 43
		**Reissue independent claims over original patent
1205	18	2205 9
		**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$)</b>

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051 65	Surcharge – late filing fee or oath
1052	50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053 130	Non-English specification
1812	2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251	110	2251 55	Extension for reply within first month
1252	420	2252 210	Extension for reply within second month
1253	950	2253 475	Extension for reply within third month
1254	1,480	2254 740	Extension for reply within fourth month
1255	2,010	2255 1,005	Extension for reply within fifth month
1401	330	2401 165	Notice of Appeal
1402	330	2402 165	Filing a brief in support of an appeal
1403	290	2403 145	Request for oral hearing
1451	1,510	1451 1,510	Petition to institute a public use proceeding
1452	110	2452 55	Petition to revive – unavoidable
1453	1,330	2453 665	Petition to revive – unintentional
1501	1,330	2501 665	Utility issue fee (or reissue)
1502	480	2502 240	Design issue fee
1503	640	2503 320	Plant issue fee
1460	130	1460 130	Petitions to the Commissioner
1807	50	1807 50	Processing fee under 37 CFR 1.17(q)
1806	180	1806 180	Submission of Information Disclosure Stmt
8021	40	8021 40	Recording each patent assignment per property (times number of properties)
1809	770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))
1810	770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))
1801	770	2801 385	Request for Continued Examination (RCE)
1802	900	1802 900	Request for expedited examination of a design application
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b> <b>(\$)</b>	

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	David C. Hanson	Registration No. (Attorney/Agent)	23,024	Telephone	412-471-8815
Signature				Date	October 3, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

SURESH C. GUPTA  
DOUGLAS R. BURNHAM  
J. MICHAEL TEETS and  
JON W. TEETS

3419-031892

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ENTITLED

METHOD AND APPARATUS FOR CONTROLLING OUTPUT VOLTAGES AND  
FREQUENCIES OF TURBINE/ALTERNATOR ON COMMON SHAFT

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Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number EV 336815575 US

Date of Deposit October 3, 2003

I hereby certify that the following attached paper or fee

1 p.  
UTILITY PATENT APPLICATION TRANSMITTAL (2 pp.);  
FEE TRANSMITTAL for FY 2003 (1 p. in trip.)  
SPECIFICATION (10 pp.); THREE (3) PAGES OF 15 CLAIMS;  
ABSTRACT OF THE DISCLOSURE (1 p.); SIX (6) SHEETS OF DRAWINGS;  
COPY OF DECLARATION AND POWER OF ATTORNEY (2 pp.);  
COPY OF RESPONSE TO NOTICE TO FILE MISSING APPLICATION OF NON-  
PROVISIONAL APPLICATION FILED UNDER 37 CFR 1.53 (b) and enclosures (18 pp.);  
COPY OF USPTO DECISION GRANTING STATUS UNDER 37 CFR 1.47(a) (2 pp.); and  
CHECK IN THE AMOUNT OF \$770.00 FILING FEE

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Alexandria, VA 22313-1450.

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Lori A. Fratangelo

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(Signature of person mailing paper or fee)